

Converting Colors

YUV(216.3680, -5.1114,
-40.6647)

Have a look what the booklet for
YUV(216.3680, -5.1114, -40.6647)
contains.

YUV(216.3680, -5.1114, -40.6647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(216.3680, -5.1114,
-40.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	AAF2CE
RGB	170, 242, 206
RGB Percent	67%, 95%, 81%
CMY	0.3333, 0.0510, 0.1922
CMYK	0.30, 0.00, 0.15, 0.05
HSL	150°, 73%, 81%
HSV	150°, 30%, 95%
XYZ	59.4703, 76.5065, 70.0253
YIQ	216.3680, -31.3560, -26.4600

Conversions

Conversions Part 2

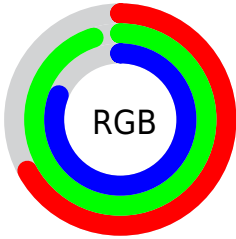
Format	Color
RYB	170, 218, 242
Decimal	11203278
CIELab	90.09, -29.65, 10.29
CIELCh	90, 31.383, 160.868
Yxy	76.5065, 0.2887, 0.3714
Android (android.graphics.Color)	4289393358 (0xFFAAF2CE)
YUV	216.3680, -5.1114, -40.6647
Hunter-Lab	87.4680, -31.7053, 13.7611

Details

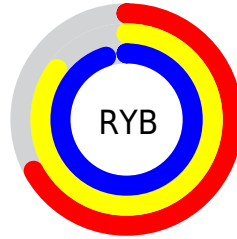
The YUV color **216.3680, -5.1114, -40.6647** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **195.6320, 5.1114, 40.6647**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6280, 4.1274, -17.2138**, and **161.1940, -4.5326, -39.6351** is the 20% darker color. If you saturate the color by 10%, you get **207.8240, -6.8152, -54.2196**, and if you desaturate by 10%, it is **224.9120, -3.4076, -27.1098**.

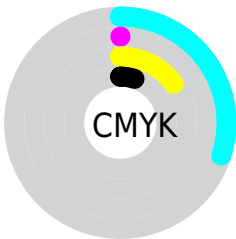
Distribution



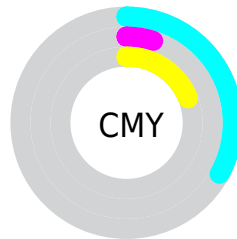
- Red (67%)
- Green (95%)
- Blue (81%)



- Red (67%)
- Yellow (85%)
- Blue (95%)



- Cyan (30%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)



- Cyan (33%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.3680, -5.1114, -40.6647 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 216.3680, -5.1114, -40.6647 by changing the saturation by 10% instead.


 216.3680, -5.1114,
-40.6647


 216.3680, -5.1114,
-40.6647

255.0000, 0.0000,
0.0000


 188.0800, -4.9694,
-39.5352


 246.6280, 4.1274,
-17.2138

 161.1940, -4.5326,
-39.6351

 133.7210, -3.8065,
-39.2203

 107.8350, -3.3697,
-39.3203

 81.7640, -2.3487,
-40.1350

 54.2900, -0.1430,
-47.6123

 37.8080, -2.3703,

-33.1576

■ 22.8590, -6.3395,
-20.0473

■ 0.5870, -0.2894,
-0.5148

■ 216.3680, -5.1114,
-40.6647

■ 216.3680, -5.1114,
-40.6647

■ 207.8240, -6.8152,
-54.2196

■ 224.9120, -3.4076,
-27.1098

■ 199.2800, -8.5190,
-67.7746

■ 233.4560, -1.7038,
-13.5549

■ 190.4370,
-10.0754, -81.9442

■ 242.2990, -0.1474,
0.6148

■ 181.8930,
-11.7792, -95.4992

■ 247.2550, 3.3253,
6.7924

■ 173.3490,
-13.4831, -109.0541

■ 247.3690, 3.7621,
6.6924

■ 164.6910,
-15.6237, -122.5090

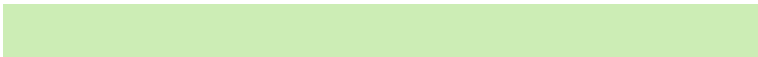
■ 156.1470,
-17.3275, -136.0639

■ 155.8480,
-17.1801, -136.6787

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.7490, -19.5963, -14.6889



216.3680, -5.1114, -40.6647



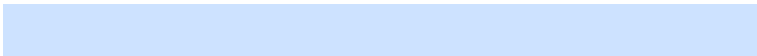
213.3020, 11.6831, -60.7779

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216.3680, -5.1114, -40.6647



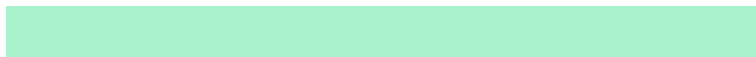
223.0270, 15.7627, -15.8097



220.4740, -15.5167, 30.2793

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



216.3680, -5.1114, -40.6647



195.6320, 5.1114, 40.6647

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.3180, -2.1288, 29.5391



216.3680, -5.1114, -40.6647



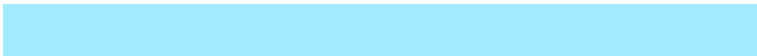
228.5300, 13.0497, 14.4442

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.3680, -5.1114, -40.6647



216.0510, 19.2019, -45.6487



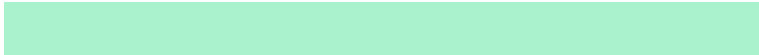
225.9120, 10.3964, 25.5102



223.7050, -25.9836, 27.4457

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.3680, -5.1114, -40.6647



212.9730, 20.7193, -65.7513



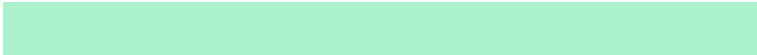
225.9120, 10.3964, 25.5102



220.2120, -11.4435, 30.5091

Sweetspot

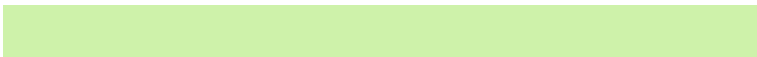
The Sweet Spot groups the original color and five complimentary colors.



216.3680, -5.1114, -40.6647



246.8690, -1.4144, -13.0401



223.0280, -26.1428, -14.9336



122.6030, -1.2833, -8.4218



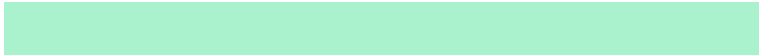
0.0000, 0.0000, 0.0000



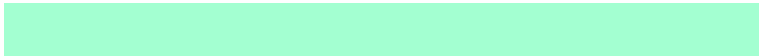
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.3680, -5.1114, -40.6647



222.2480, -6.5313, -51.9605



220.4720, 10.6133, -44.2639



115.7280, -0.8519, -6.7775



118.4960, -13.0625, -103.9210



36.0640, -3.9756, -31.6281

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



195.6320, 5.1114, 40.6647



195.7520, 6.5313, 51.9605



191.5280, -10.6133, 44.2639



112.2720, 0.8519, 6.7775



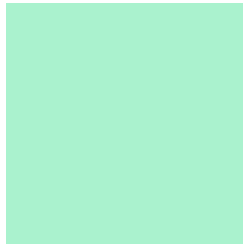
65.5040, 13.0625, 103.9210



19.9360, 3.9756, 31.6281

Previews

White Background



This preview shows how the YUV color 216.3680, -5.1114, -40.6647 looks on a white background.

Color Contrast Check

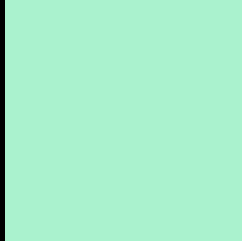
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 216.3680, -5.1114, -40.6647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.3680, -5.1114, -40.6647 Background



This preview shows how black text looks on a background with the YUV color 216.3680, -5.1114, -40.6647.



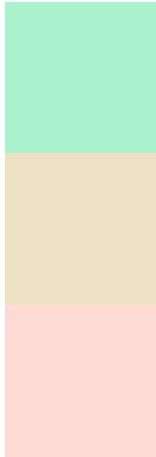
This preview shows how white text looks on a background with the YUV color 216.3680, -5.1114, -40.6647.

-40.6647.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

216.3680, -5.1114, -40.6647

Protanopia

225.0970, -13.8518, 9.5619

Deuteranopia

227.6670, -8.2168, 22.2170



Tritanopia

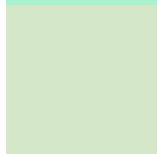
220.7210, 16.4065, -35.7123

Trichromacy



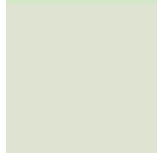
Original Color

216.3680, -5.1114, -40.6647



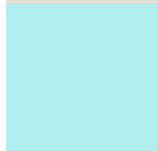
Protanomaly

221.7850, -10.7400, -8.5814



Deuteranomaly

223.7520, -7.2727, -0.6595



Tritanomaly

219.3480, 8.7024, -38.0162

Monochromacy



Original Color

216.3680, -5.1114, -40.6647



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

215.7440, -1.8458, -14.6845

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3680, -5.1114, -40.6647 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(170, 242, 206)` looks like.

```
.text, #text, p{  
    color:rgb(170, 242, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(170, 242, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 242, 206) }
```

Border

The CSS property to change the border of an element to YUV 216.3680, -5.1114, -40.6647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 242, 206) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(170, 242, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(170, 242, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 242, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 242, 206);  
box-shadow:4px 4px 4px 4px rgb(170, 242,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 216.3680, -5.1114, -40.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 242, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(170,  
242, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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